

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for adjusting colors in a color reproduction device, the method comprising:
 - receiving a user input indicating a color adjustment for a color original, wherein the received user input is not a selection of a transform;
 - automatically selecting a transform based upon the user input to prevent ~~adverse effects of the color adjustment~~ ~~clipping of the adjusted color values~~ ~~on~~ ~~during~~ subsequent processing, wherein the transform is selected from a plurality of sigmoidal-shaped curves, wherein the plurality of sigmoidal-shaped curves comprise curve lengths, wherein the plurality of sigmoidal-shaped curves share a common midpoint, and wherein the plurality of sigmoidal-shaped curves are not collinear for more than half of their curve lengths;
 - applying the transform to color values to produce adjusted color values; and
 - processing the adjusted color values for conversion into printer space.
2. (Original) The method of claim 1, wherein the user input indicates a boost of color values.
3. (Original) The method of claim 1, wherein the user input indicates a reduction of color values.
4. (Original) The method of claim 1, wherein the user input indicates no adjustment of color values.

5. (Previously Presented) The method of claim 1, wherein the transform is one of the group comprising: a difference of exponential functions, a second order or higher high order polynomial, a piecewise linear function, and a difference polynomial function.

6. (Original) The method of claim 1, wherein applying the transform further comprises using the color values as indexes into a lookup table.

7. (Original) The method of claim 1, wherein applying the transform further comprises calculating the adjusted color values at run time.

8. (Currently Amended) A computer-readable medium including software code that, when executed, results in:

reception of a user input indicating a color adjustment for a color original, wherein the received user input is not a selection of a transform;

automatic selection of a transform based upon the user input to prevent adverse effects of the color adjustment on subsequent processing, wherein the transform is selected from a plurality of sigmoidal-shaped curves, wherein the plurality of sigmoidal-shaped curves intersect at a maximum of three points;

application of the transform to color values to produce adjusted color values; and processing of the adjusted color values for conversion into printer space.

9. (Original) The computer-readable medium of claim 8, wherein the computer-readable medium further comprises a downloadable file.

10. (Original) The computer-readable medium of claim 8, wherein the computer-readable medium further comprises a driver upgrade file.

11. (Currently Amended) A method for adjusting colors in a color reproduction device, the method comprising:

receiving a user input indicating a color adjustment boost for a color original, wherein the received user input is not a selection of a transform;

automatically selecting a transform function based upon the user input to prevent adverse effects of the color adjustment on subsequent processing, wherein the transform function comprises at least one sigmoidal-shaped curve, wherein available selection transform functions transforms have a length including a midpoint of the length, and wherein the available selection transforms share a common midpoint, and wherein the transform function is a difference function of two exponential functions;

applying the selected transform function to color values to produce adjusted color values;

calculating the adjusted color values at run time; and

processing the adjusted color values for conversion into printer space.

12. (New) The method of claim 11, wherein the user input indicates a boost of color values.

13. (New) The method of claim 11, wherein the user input indicates a reduction of color values.

14. (New) The method of claim 11, wherein the user input indicates no adjustment of color values.

15. (New) The method of claim 11, wherein applying the transform further comprises using the color values as indexes into a lookup table.

16. (New) The method of claim 11, wherein applying the transform further comprises calculating the adjusted color values at run time.
17. (New) The method of claim 11, wherein the plurality of sigmoidal-shaped curves are not collinear for more than half of their curve lengths.
18. (New) The method of claim 11, wherein the plurality of sigmoidal-shaped curves intersect at a maximum of three points.
19. (New) The method of claim 11, wherein the adverse effects of the color adjustment that are prevented on subsequent processing include clipping of the adjusted color values.